

M 4.0, 9 km SSW of Bliss Corner, Massachusetts

Origin Time: 2020-11-08 14:10:07 UTC (Sun 09:10:07 local)

Location: 41.5261° N 70.9660° W Depth: 15.1 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 1 hour, 9 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

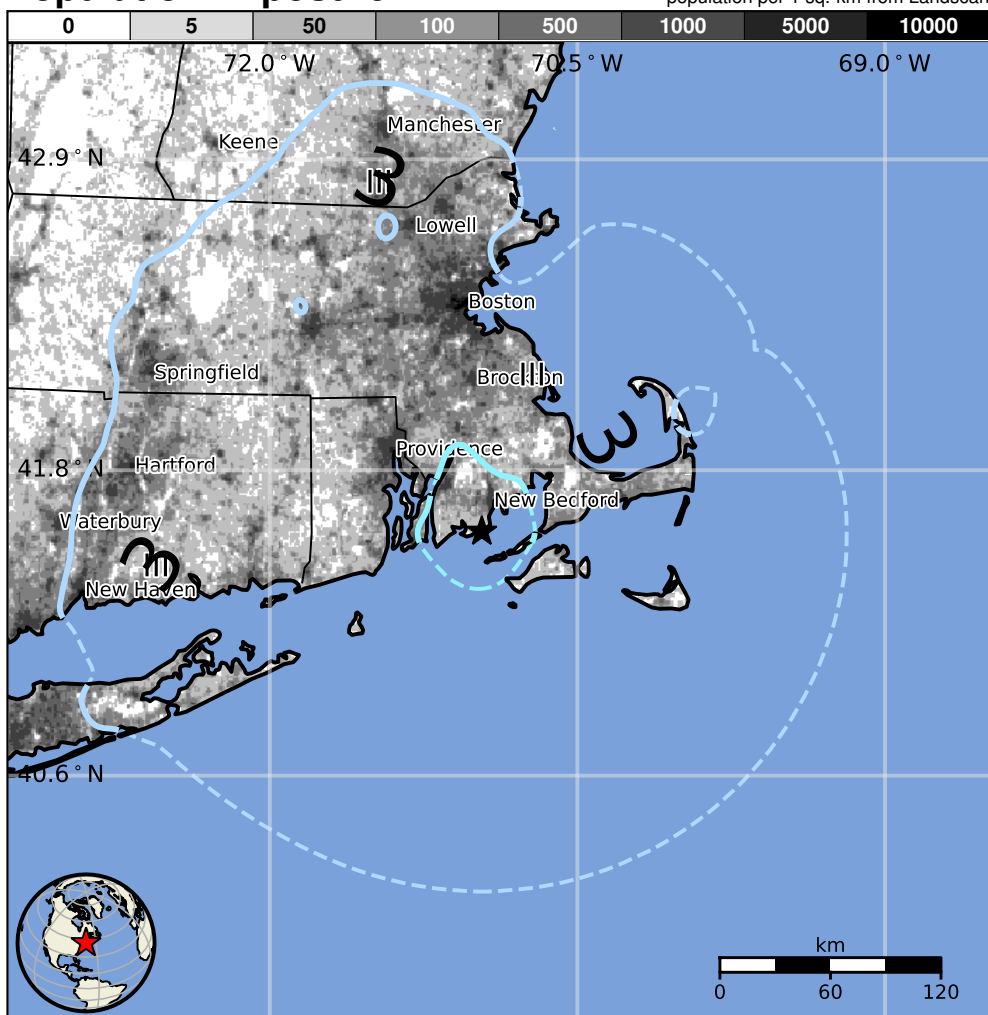


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	12,987k	368k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1982-01-19	225	4.7	V(49k)	—
2002-04-20	398	5.1	VIII(2k)	—
1983-10-07	385	4.9	VI(9k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Bliss Corner	5k
IV	New Bedford	95k
IV	Head of Westport	15k
IV	Smith Mills	5k
IV	North Westport	5k
IV	Fairhaven	16k
III	Providence	178k
III	Hartford	125k
III	South Boston	571k
III	Boston	618k
II	Concord	43k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000cc4d#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000cc4d